

# APPENDIX A

## LIST OF FIGURES

### SECTION CONTENTS

ACKNOWLEDGEMENTS

OUR CITY + OUR PARKS

THE PARKS BLOOMINGTON HAS

THE PARKS BLOOMINGTON NEEDS

HOW WE GET THERE

APPENDIX



# LIST OF FIGURES

## ACKNOWLEDGEMENTS

4

## OUR CITY + OUR PARKS

7

Figure 1-1: Process Timeline

11

Figure 1-2: Bloomington Park System Overview

20

Figure 1-3: Bloomington Park Overview Map

21

Figure 1-4: Demographic Analysis

22

Figure 1-5: City of Bloomington Boundary

23

Figure 1-6: Total Population / Average Annual Growth

24

Figure 1-7: Total Number of Households / Average Annual Growth

24

Figure 1-8: Population By Age Segments

25

Figure 1-9: Population By Race

27

Figure 1-10: Population By Ethnicity

27

Figure 1-11: Income Characteristics

28

Figure 1-12: Demographic Comparative Summary Table

29

## THE PARKS BLOOMINGTON HAS

39

Figure 2-1: Pattern of Development

40

Figure 2-2: Ownership and Land Management in the River Valley

41

Figure 2-3: Bloomington Park System

41

Figure 2-4: Priority Restoration Sites in Bloomington

47



Figure 2-5: Natural Areas within 1/2 mile of residents (excluding Hyland and Minnesota River Valley)	48
Figure 2-6: Walking time analysis to trailheads for the Minnesota River Valley	48
Figure 2-7: Public Open Space Restoration Prioritization	51
Figure 2-8: Level of Standard (LOS) Summary Table	53
Figure 2-9: Equity - Equality Comparison (NRPA)	61
Figure 2-10: Neighborhood Characteristics Applied to Parks	63
Figure 2-11: Park and School Property Accessibility and Population	64
Figure 2-12: Demographics, Income, and Park Access	65
Figure 2-13: Dakota Presence in the River Valley cultural map	78
Figure 2-14: Bloomington Cultural Resource Map	80
Figure 2-15: Age Segment Analysis Table	86
Figure 2-16: Program Lifecycle Distribution Table	86
Figure 2-17: Program Classification Distribution	86
Figure 2-18: Pricing Strategies	86
Figure 2-19: Cost Recovery Model for Sustainable Services	87
Figure 2-20: Cost Recovery Goal By Core Program Area	87
Figure 2-21: Evaluation Cycle with Program Lifecycle Logic Matix	88
Figure 2-22: COVID-19 Community Mobility Trends Reports	92

## THE PARKS BLOOMINGTON NEEDS

Figure 3-1: Community Engagement Overview	95
Figure 3-2: Community Engagement Relationship Graphic	98
Figure 3-3: Top Priorities for Investment for Recreation Facilities Based on the Priority Investment Rating	99
	100





Figure 3-4: Top Priorities for Investment for Recreation Programs Based on the Priority Investment Rating	100
Figure 3-5: Community engagement techniques and tools - in person and digital	101
Figure 3-6: Key Engagement Activities Summary	102
Figure 3-7: Current Activities Preference Ranking Summary	103
Figure 3-8: Preferred Activities Summary	103
Figure 3-10: Type of Trails Ranking Summary	104
Figure 3-9: Desired New Activity Ranking Summary Chart	104
Figure 3-11: Preferred Type of Trails	105
Figure 3-13: Aquatic Facility Types Summary	106
Figure 3-12: Ice Skating Approach Summary	106
Figure 3-14: Nature and Recreation Balance Summary	107
Figure 3-15: Map Your Comments Summary	108
Figure 3-16: Map Your Comments Summary	109
Figure 3-17: Issues And Themes Suggestion for The City Master Plan	111
Figure 3-18: General Fitness National Participatory Trend	115
Figure 3-19: Outdoor / Adventure Recreation Participatory Trends	116
Figure 3-20: Aquatic Participatory Trends	117
Figure 3-21: Water Sports / Activities Participatory Trends	118
Figure 3-22: Participation Charts by Generation	119
Figure 3-23: Non-Participation Interest By Age Segment	120
Figure 3-24: Outdoor Activity Market Potential Index	121
Figure 3-25: Commercial Recreation Market Potential Index	121
Figure 3-26: Public Open Space Restoration Prioritization	129



Figure 3-27: Level of Service (LOS)	134
Figure 3-28: Proposed Service Area Boundaries and Park Building Locations	135
Figure 3-29: Proposed Inclusive Play Locations	136
Figure 3-30: Existing And Proposed Skate Park Locations	137
Figure 3-31: Existing and Proposed Splash Pad Locations	138
Figure 3-32: Existing and Proposed Dog Park Locations	139
Figure 3-33: Proposed Bike Playgrounds/ Skills Area Locations	140
Figure 3-34: Proposed Pickleball and Cricket Field Locations	141
Figure 3-35: Select Survey Question Responses	142
Figure 3-36: Jennifer Dill and Nathan McNeil, “Revisiting the Four Types of Cyclists: Findings from a National Survey,” Transportation Research Record: Journal of the Transportation Research Board, 2587: 90-99, 2016	144
Figure 3-37: Trail Issues and Opportunities	145
Figure 3-38: Trails and Mobility Overview	146
Figure 3-39: Typical Signage and Wayfinding Package	148
Figure 3-40: Xcel Corridor Short-Term Crossing Improvements	152
Figure 3-41: Walking times to city and school playgrounds with population of under 18 residents	155
Figure 3-42: Estimated Number of Households Whose Needs For Facilities Are Not Being Met Summary Chart	157
Figure 3-43: Parks and Population Distribution	160
Figure 3-44: Proposed Park Neighborhood Building Locations	160
Figure 3-45: Equity Based CIP Prioritization Process	162
<b>HOW WE GET THERE</b>	<b>165</b>
Figure 4-1: Comparative Study Of Parks	166
Figure 4-2: Top Priorities For Investment For Recreation Facilities Based On The Priority Investment Rating	167



Figure 4-3: Equity Prioritization Index Value	167
Figure 4-4: Proposed Facilities Map	168
Figure 4-5: City-Wide CIP Criteria Categories	169
Figure 4-6: Parks CIP Priority Summary	169
Figure 4-7: Incremental and Immediate Approach	170
Figure 4-8: Incremental and Immediate Approach	171
Figure 4-9: Bloomington Park Locations	175
Figure 4-10: Bloomington Neighborhood Park Locations	177
Figure 4-11: Bloomington Community Park Locations	179
Figure 4-12: Special Use Park/ Facility Locations	181
Figure 4-13: Regional Park Locations	185
Figure 4-14: Existing Park (Tretbaugh)	186
Figure 4-15: Re-visioned Tretbaugh Park Example	187
Figure 4-16: Playground Age and Walking Accessibility	189
Figure 4-17: Gathering Shelter Facilities	191
Figure 4-18: Multi-purpose Field Locations	193
Figure 4-19: Existing Diamond Facilities	195
Figure 4-20: Tennis and Pickleball Court Facilities	197
Figure 4-21: Aquatics Facilities	199
Figure 4-22: Natural Areas / Open Spaces (Excluding MN River Valley and Hyland Regional Park)	201
Figure 4-23: Proposed New Park Facilities	207

## APPENDIX

